

Patent S/N 09/944,718  
Amendment dated July 24, 2003  
Attorney docket 11936.12US01

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1-8. (Canceled)

9. (Currently amended) A composition according to ~~claim 8~~ wherein: comprising an adducted combination formed by reacting

(a) the a starch component having a polymer reactive carbonyl functionality of at least 5 microequivalents per gram and comprising ~~comprises~~ a starch oxidized with oxidizing agent selected from periodate(s); hypochlorite(s); ozone; peroxide(s); hydroperoxide(s); hydrogen peroxide; persulfate(s); percarbonate(s); and, mixtures thereof; and

(b) a polymer component having carbonyl reactive functionality.

10. (Currently amended) A composition according to ~~claim 8~~ claim 9 wherein:

(a) the starch component comprises a starch oxidized with oxidizing agent selected from sodium periodate; potassium periodate; sodium hypochlorite; calcium hypochlorite and mixtures thereof.

11. (Original) A composition according to claim 10 wherein:

(a) the starch component comprises oxidized starch resulting from oxidizing with 0.01% to 5% oxidizing agent, by wt. of starch.

12. (Original) A composition according to claim 11 wherein:

(a) the starch component comprises oxidized starch resulting from oxidizing with 0.3% to 3.0% oxidizing agent, by wt. of starch.

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13. (Original) A composition according to claim 12 wherein:
  - (a) the oxidizing agent is periodate oxidizing agent.
14. (Original) A composition according to claim 10 wherein:
  - (a) the starch component comprises starch oxidized with hypochlorite oxidizing agent.
15. (Original) A composition according to claim 14 wherein:
  - (a) the starch component comprises a starch oxidized with hypochlorite oxidizing agent at a level of 0.005% to 3.0% available chlorine, by wt., based on wt. of starch.
16. (Original) A composition according to claim 15 wherein:
  - (a) the starch component comprises a starch oxidized with hypochlorite oxidizing agent at a level of 0.15 to 1.5% available chlorine, by wt., based on wt. of starch.
- 17-25. (Canceled).